



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBT18034-1
Job Sheet 169528



Part No: RBT18034-1

Job Qty: 4 ea

Part Name: Hose



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/13/17

Job Tracking No:

Due Date: 12/22/17

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBT18034 Rev 3 IPP Rev A 17.12.12 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea		12/21/17	0.00	0.00	Start Up Machining-2		J.C. - L. 18-01-19
105	Bandsaw	4 pcs		12/21/17	0.00	0.40	Bandsaw1		J.C. - L.
110	Mill Conv	4 pcs		12/22/17	0.00	1.00	Mill Conv 2		J.C. - L. 18-01-22
120	QC	4 pcs		12/22/17	0.00	0.00	QC2 Machining-4		J.C. - L.
130	QC	4 pcs		12/22/17	0.00	0.00	QC8 Machining-4		9/18/01/22
140	Packaging	4 pcs		12/22/17	0.00	0.00	Packaging3-1	GA	ATIP/01/23
150	QC21-SA	4 Ea		12/22/17	0.00	0.00	QC21		

Part Op 105 - Cut to length 14.0"

Descriptions: 110 - 1-Machine as per DWG. DWG REV: _____ Use DT10362 machining aid. 2-Deburr

DAS
21
9-08

JAN 4 2016

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	KUR BW100 (McMaster 48925k93)	56	0	0	0

1.16 x Qty

Part Specifications

Specifications could not be found.

Plex 12/13/17 11:13 AM Dart.lajeunesse.marie

56
TOTAL

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION	AGAINST DEPARTMENT/PROCESS			
	Rework ☐	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐
	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐
	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐
	Suspected Unapproved ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Date : _____	Step #: _____	QTY Effective : _____			MRB (QSI042) Approval
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification

Root Cause		
Environment ☐	No Re-verification ☐	Pressure/Forced ☐
Design ☐	Operator ☐	Bending ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐
Material ☐	Use for Testing ☐	Cuffs ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐
Past Expiry Date ☐	Manufacturing Process ☐	
Misidentified ☐	Past Due ☐	OTHER : ☐

Job No: 169528
Start up Operation 01/18/18

Change No: _____
Operation: _____
Revision: _____
PART NO: RBT18034-1
Original Serial #: S033296



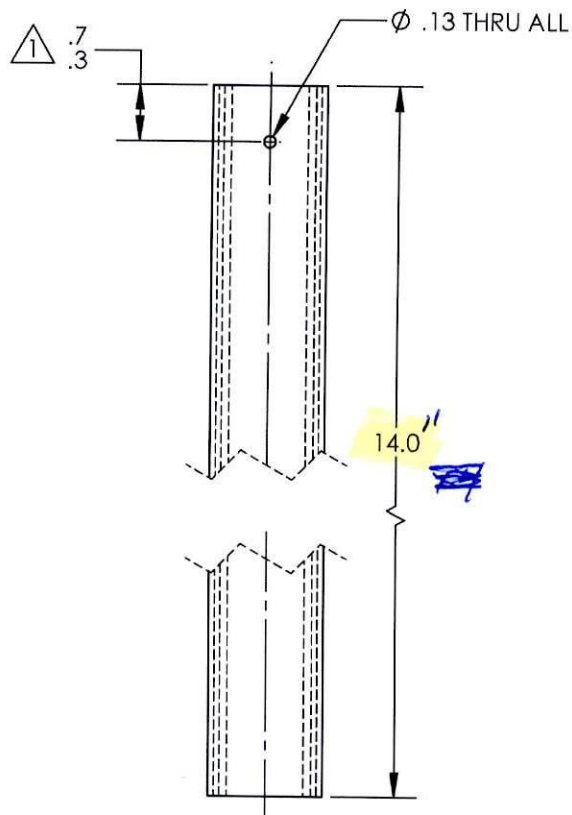
Hose

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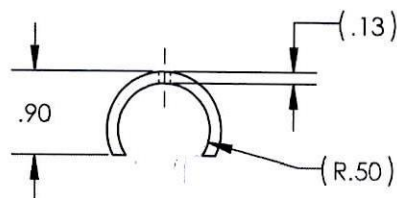
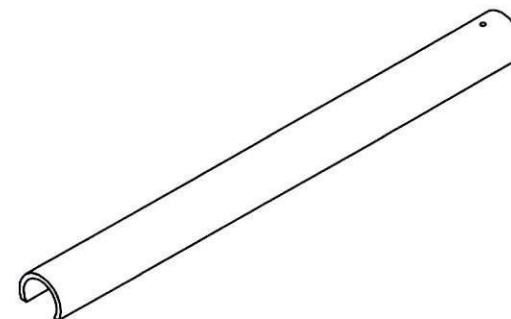


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0279	-1 CH'D DIM WAS .38 IS .6, ADDED NOTE 	1/12/2017	RJC	JAG
3	17-0162	-1 CH'D DIM WAS .6 IS .3-.7.	6/23/2017	DPD	JAG



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 169528 M-J
17-12-13



(1)

HOSE

NOTE:

$\triangle$ DRILL HOLE BETWEEN TWO RIBS.



TITLE		MAIN ROTOR PITCH LINK PROTECTORS	
DWG NO.		RBT18034-1	
REV		3	
MATERIAL		PVC	
HEAT TREAT			
FINISH			
SPEC		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm$.010 FRACTIONS $\pm$ 1/8 .XX $\pm$.03 ANGLES $\pm$ 1° .X $\pm$.1 SURFACES = 125/	
DRAWN BY:		MACKOVJAK	
CHECKED:		DUERFELDT	
OPPS APPR:		ANDERSON	
QA APPR:		LINDSAY	
APPROVED:		GILBERT	
SCALE		1:2	
DATE		8/22/2016	
SHEET		2 OF 2	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
				Completed By					
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification ☐	☐	Pressure/Forced ☐	☐	Temperature/Cure ☐	☐
Design ☐	☐	Operator ☐	☐	Bending ☐	☐	Set-up ☐	☐
Doc/Data ☐	☐	Offset/Setup ☐	☐	Centre Not Concentric ☐	☐	BOM/Route ☐	☐
Equip/Tooling ☐	☐	Supplier ☐	☐	Cracks ☐	☐	Broken/Damage/Defect ☐	☐
Handling/Pre ☐	☐	Training ☐	☐	Crimp/Kink/Ripple/Wave ☐	☐	Inspection Incomplete/Unqualified ☐	☐
Material ☐	☐	Use for Testing ☐	☐	Cuffs ☐	☐	Contamination ☐	☐
Internal Transport ☐	☐	Poor Information ☐	☐	Crushing ☐	☐	Countersink ☐	☐
Tribal Knowledge ☐	☐	Rushing ☐	☐	Heat Treat ☐	☐	Cut Too Short ☐	☐
LOA ☐	☐	Product Improvement ☐	☐	Wave/Twist in Tube ☐	☐	Instructions Incomplete/Unclear ☐	☐
Substation ☐	☐	Process Improvement ☐	☐	Marks/Chatter ☐	☐	Drill Holes ☐	☐
Past Expiry Date ☐	☐	Manufacturing Process ☐	☐	OTHER : _____			
Misidentified ☐	☐	Past Due ☐	☐				